REMARKS

Reconsideration and withdrawal of all grounds of objection and rejection, and allowance of the pending claims are respectfully requested in view of the above amendment and the following remarks. Claims 1-8, as shown above, remain pending herein.

The Abstract has been amended to overcome the objections thereto in the Office Action.

The specification has been amended to overcome the minor informality in the Office Action. In addition, the specification also has been amended at page 9 to describe the AFF module, thus overcoming the cited objection to Fig. 3.

Claim 5 has been amended to overcome the objection thereto in the Office Action.

Claim 8 stands rejected under 35 U.S.C.§112, second paragraph. Applicants respectfully traverse this ground of rejection. The phrase "the instructions" recited in claim 4 has been replaced with "a number of instructions."

Claims 1, 2, 4, 5, 7 and 8 stand rejected under 35 U.S.C.§103(a) over Guha. Applicants respectfully traverse this ground of rejection.

It is alleged in the Office Action that Guha allegedly discloses a code generation module generating executable code from character bitmaps which are further derived from character sets. It is stated in the Office Action that the "office interprets the character bitmaps are substantially similar in functionality to the nonexecutable symbolic code of Applicant's claims." Applicants strongly disagree.

First, instant claim 1 recites the step of "generating of an executable code from the summary description of said character". The summary description recited by the instant claims is distinguishable from the character bitmaps disclosed by Guha.

As disclosed on page 5, lines 15-18 of the instant specification, the summary description is described as being of a very low level, for example, a description in terms of real numbers of curves making it possible to describe the characters.

In contrast, the bitmaps in Guha are a system of coordinates comprising a complete assignment of each location in a computer's storage to a physical location on an electronic display.

Although it is stated in the Office Action the "character bitmaps are substantially similar in functionality to the nonexecutable symbolic code of Applicant's claims" Applicants request reconsideration on the ground that the aforementioned statement is erroneous.

Second, the generation of the executable code from a summary description of the characters allows for improved portability of the fonts. As explained by the Applicants in why the presently claimed invention provides advantages over Guha, in order to generate code in Guha, a routine must be developed that *necessarily reads all the lines of the pixel plane*. The generated code is essentially comprised of calls to functions (such as DrawPixel, DrawLine) (instant specification page 1, line 27 to page 2, line 3 describing shortcomings of Guha). In fact, during execution, the calling of functions gives rise to the loss of time.

In contrast, in the instantly claimed invention, using the Summary Description instead of bitmaps permits the simplified generation of a code while remaining at a high

level of abstraction, wherein the executable code has a much faster execution than the system described by Guha.

The generation of code in the presently claimed invention (instead of bitmaps) allows for faster display by direct reading of the executable code stored, instead using a routine common to all the bitmaps to generate the executable code, as in Guha. The scanning of the bitmaps in their entirety and detecting activated pixels in Guha is not a "dynamic generation" and such an assertion mischaracterizes the Guha reference.

Applicants also note that it is stated in the Office Action that the Applicant "has not disclosed that storing character sets in a database provides an advantage, is used for particular purpose, or solves a stated problem." Applicants note that the foregoing observation is incorrect in that the presently claimed invention there is a storage of *executable code* corresponding to a character, not the storage of a character set (as disclosed by Guha, in bitmaps). Applicants do state in the specification that the storage of executable code saves time and requires less expensive memory than the graphic memory required to store bitmap characters as disclosed by Guha.

For at least the above reasons, it is respectfully submitted that a person of ordinary skill in the art would not have found any of the instant claims to have been obvious at the time of invention in view of Guha. Reconsideration and withdrawal of this ground of rejection are respectfully requested.

Claims 3 and 6 stand rejected under 35 U.S.C.§103(a) over Guha in view of Colletti (U,S, 5,990,907). Applicants respectfully traverse this ground of rejection.

The combination of Guha and Colletti fails even to disclose or suggest all the elements recited by Applicants base claims, let alone render claims 3 and 6 obvious to a
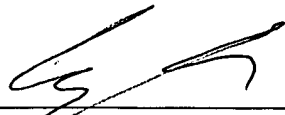
person of ordinary skill in the art. Furthermore, the combination of Guha and Colletti fails to disclose or suggest at least the step of generating executable code from the summary description of a character, storage of the executable code in a storage module and execute the code to display the character on the output apparatus. For at least the above-mentioned reasons neither Guha nor Colletti, alone or in combination discloses or suggests generating code from a summary description.

Amendment
Serial No. 10/084,721

Docket No. PHFR 010019

For all the foregoing reasons, it is respectfully submitted that all the present

claims are patentable in view of the cited references.   A Notice of Allowance is

respectfully requested.

Respectfully submitted,

Russell Gross
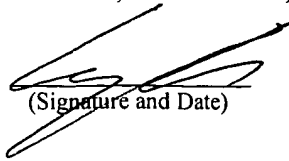Registration No. 40,007

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